

WHAT IS CLAIMED IS:

1. A method for refining 2,6-naphthalene dicarboxylic acid comprising recrystallizing the 2,6-naphthalene dicarboxylic acid using a solvent comprising a protic polar solvent selected from the group
5 consisting of an alcohol, water, and a mixture thereof, and an acetate.

2. The method for refining 2,6-naphthalene dicarboxylic acid of claim 1, comprising

(a) adding an amine to crude 2,6-naphthalene dicarboxylic acid to mix them;

10 (b) dissolving the mixture of (a) in a protic polar solvent selected from the group consisting of an alcohol, water, and a mixture thereof to obtain an amine salt solution of 2,6-naphthalene dicarboxylic acid;

(c) filtrating the amine salt solution of (b), adding an acetate to the filtrate, and cooling it to obtain an amine salt crystal of 2,6-naphthalene
15 dicarboxylic acid; and

(d) filtrating and heating the amine salt crystal of 2,6-naphthalene dicarboxylic acid of (c) to deaminize it.

3. The method for refining 2,6-naphthalene dicarboxylic acid of claim 1, comprising

20 (a) adding an amine to crude 2,6-naphthalene dicarboxylic acid to mix them;

(b) adding a mixed solvent comprising a protic polar solvent selected from the group consisting of an alcohol, water, and a mixture thereof, and an acetate to the mixture of (a) and then dissolving it by heating to obtain an amine salt solution of 2,6-naphthalene dicarboxylic acid;

(c) cooling the amine salt solution of (b) to room temperature to obtain an amine salt crystal of 2,6-naphthalene dicarboxylic acid; and

(d) filtrating, heating, and drying the amine salt crystal of 2,6-naphthalene dicarboxylic acid of (c) to deaminize it.

4. The method for refining 2,6-naphthalene dicarboxylic acid of claim 1. comprising

(a) adding an amine to crude 2,6-naphthalene dicarboxylic acid to mix them;

(b) adding a mixed solvent comprising a protic polar solvent selected from the group consisting of an alcohol, water, and a mixture thereof, and an acetate to the mixture of (a) and then dissolving it by heating to obtain an amine salt solution of 2,6-naphthalene dicarboxylic acid;

(c) filtrating the amine salt solution of (b) at a high temperature and then cooling the filtrate to room temperature to obtain an amine salt crystal of 2,6-naphthalene dicarboxylic acid; and

(d) filtrating, heating, and drying the amine salt crystal of 2,6-naphthalene dicarboxylic acid of (c) to deaminize it.

5 5. The method for refining 2,6-naphthalene dicarboxylic acid of claim 1, wherein in said protic polar solvent, an alcohol and water are used in a ratio of 1:1 to 100:1 by weight.

6. The method for refining 2,6-naphthalene dicarboxylic acid of claim 1, wherein said protic polar solvent and acetate are used in a ratio of 1:1 to 1:20 by weight.

10 7. The method for refining 2,6-naphthalene dicarboxylic acid of any one of claims 2 to 4, wherein said dissolution is carried out at a temperature within the range of 25~150°C, and the cooling is carried out at a temperature within the range of -10~50°C.